20000808.qrp v01_n907.qrl.20000808

Date: Tue, 8 Aug 2000 19:03:05 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1907

QRP-L Digest 1907

Topics covered in this issue include:

  1) [76850] FS ArgosyII and P/S
     by "CDF" <res043pa@gte.net>
  2) [76851] QRP SSB - Another net
     by "Charles Mabbott" <crmabbott@mediaone.net>
  3) [76852] Re: Need relative bearing site
     by Jeff <fantbb@yahoo.com>
  4) [76853] Re: 6 METER QRP
     by KB7WW Art Moe <kb7ww@chatusa.com>
  5) [76854] Re: OOPS! NC20 Xtal toasted
     by "John J. McDonough" <wb8rcr@arrl.net>
  6) [76855] Need power supply for Toshiba notebook/QRP PSK
     by k6mw <k6mw@jps.net>
  7) [76856] Re: Icom PCR1000 Computer Receiver
     by DYARNES@aol.com
  8) [76857] Re: Antenna tuner adjustment question
     by "Craig B. Johnson" <cbjohns@mn.mediaone.net>
  9) [76858] EPS-1 Kit Available again
     by "Gary M. Diana, N2JGU" <embres@frontiernet.net>
 10) [76859] Re:Argonaut 509 power increase
     by Mike Pupeza <mpupeza@altavista.com>
 11) [76860] Re: Something STUPID ....
     by Clay N4AOX <wyn@worldnet.att.net>
 12) [76861] RE : The trouble with SSB ....
     by "George Osier" <gosier@twcny.rr.com>
 13) [76862] BB Soapbox, WE6W
     by Ed Loranger <we6w@qsl.net>
 14) [76863] Digest Mode
     by jmarran@juno.com
 15) [76864] Re: The trouble with SSB
     by "Donny Sirait" <dsirait@centrin.net.id>
 16) [76865] Shunt resitor question
     by "TC Dufresne" <tdufres@radiks.net>
 17) [76866] Spartan Sprint
     by Jim Cluett <w1pid@yahoo.com>
 18) [76867] Re: Shunt resitor question
     by Charlie Lofgren <clofgren@benson.mckenna.edu>
 19) [76868] Re: Shunt resitor question

by "John Moriarity" <k6qq@hdo.net>
20) [76869] Poquet PC Plus-Wanted
by "Robert Farnworth" <farnworth@citylinq.com>
21) [76870] RE: Need relative bearing site
by "Ron McConnell" <rcmcc@lucent.com>
22) [76871] Re: Shunt resitor question
by NB6M@aol.com
23) [76872] PSK20
by Duane Alles <w9zm@yahoo.com>
24) [76873] The QRP SSB debate
by brian_jones@uk.ibm.com
25) [76874] HB- Help with charger for gel cell battery
by Vic Winton <Vic.Winton@trafford-press.com>
26) [76875] World Radiosport Team Championship 2000 Pictures
by Alen Mitrovic <alen.mitrovic@hermes.si>
27) [76876] Re: Shunt resitor question
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
28) [76877] Re: Indoor 20 meter antenna
by WB9MII@aol.com
29) [76878] [76723] NOGA Meeting Notes Aug 6,2000 by AE4GX
by "Craig W. Behrens" <craigwb@hiwaay.net>
30) [76879] FS-MFJ-1704 4 position coax switch
by "Joe Trombino" <w2kj@earthlink.net>
31) [76880] RE: CW speed and plateaus
by Bill Coleman AA4LR <aa4lr@radio.org>
32) [76881] Ft Tuthill 2000 Report (longish)
by Jerry Haigwood <w5jh@swlink.net>
33) [76882] POSTMORTEM-- Re: OOPS! NC20 Xtal toasted
by "Rod, N0RC" <n0rc@qsl.net>
34) [76883] ANT- radial question
by "Steven Blary" <sblary@bellsouth.net>
35) [76884] Re: ANT- radial question
by "George , W5YR" <w5yr@att.net>
36) [76885] Re: ANT- radial question
by ARDUJENSKI@aol.com
37) [76886] NRAO Special Event Station
by "Paul Harden, NA5N" <na5n@rt66.com>
38) [76887] F/S Norcal 20
by Stan Goldstein <stan@cruzio.com>
39) [76888] Re: Shunt resitor question
by NB6M@aol.com
40) [76889] Bumbling Bee report
by "Bob Tellefsen" <n6wg@earthlink.net>
41) [76890] Re: ANT- radial question
by "Mont Pierce" <MyGrapeVine@yahoo.com>
42) [76891] Re: ANT- radial question
by "George , W5YR" <w5yr@att.net>
43) [76892] QRP Contest List

by Paul Womble <pwomble1@tampabay.rr.com>
44) [76893] FS: Qrp rigs...
by "Michael Connor" <nq7k@mtarvin.com>
45) [76894] FS: Tektronix, HP and other oscilloscopes and test equipment - $
10 and up
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
46) [76895] Re: ANT- radial question
by Dave Sjolin <sjolin@swbell.net>
47) [76896] Wow - If you haven't tried the ARCI QRP-F list lately you're miss
ing something.
by Sam Billingsley <SBillingsley@usaninc.com>
48) [76897] Bumbling Bee report
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
49) [76898] PSK31- PSK-20 First QSO
by Brian Kassel <bkassel@dancris.com>
50) [76899] UPDATED FS K2 SSB Module.
by "Rod, N0RC" <n0rc@qsl.net>
51) [76900] Where can I find
by E L D <wd7y@pyramid.net>
52) [76901] Anyone in Italy?
by "Marshall Emm" <mgemm@mtechnologies.com>
53) [76902] Free to a good home...
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
54) [76903] Re: QRP Contest List
by "Richard McGaver" <mcgaver@execpc.com>
55) [76904] XCVR:SW+ mods, links
by JP <jdanter@mail.i-america.net>
56) [76905] RE: Tektronix, HP and other oscilloscopes and test equipment - $
10 and up
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
57) [76906] RE: Where can I find
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
58) [76907] Rigs: Anyone have any experience with the PATCOMM radios?
by Sam Billingsley <SBillingsley@usaninc.com>
59) [76908] Re: UPDATED FS K2 SSB Module.
by "Rod, N0RC" <n0rc@qsl.net>
60) [76909] Re: POSTMORTEM-- Re: OOPS! NC20 Xtal toasted
by "John J. McDonough" <wb8rcr@arrl.net>
61) [76910] Re: Spartan Sprint
by K2UD@aol.com
62) [76911] FS - Whiterook MK-64 Mini Keyer and Paddle Combo
by K9nk@aol.com
63) [76912] Contacts Needed
by "Ron Polityka" <wb3aal@fast.net>
64) [76913] RE: Tektronix, HP and other oscilloscopes and test equipment-
by Macstein@aol.com
65) [76914] Vermont on the Air in August (Advanced Notice)
by wb2vuo@juno.com

66) [76915] Change in Call
    by "John L. Sielke" <n4js@pobox.com>
67) [76916] Re: Change in Call
    by Macstein@aol.com
68) [76917] RE: Change in Call
    by Mike Gipe <mgipe@reliablemeters.com>
69) [76918] RE: Contacts Needed
    by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
70) [76919] Re: Change in Call
    by NB6M@aol.com
71) [76920] homebrewer parts
    by Smith Harold <SmithH@tce.com>
72) [76921] Iowa QRP Club at the Amana hamfest this Sunday
    by "John Burnley" <burnleyia@home.com>

Date: Mon, 7 Aug 2000 19:03:22 -0400
From: "CDF" <res043pa@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [76850] FS ArgosyII and P/S
Message-ID: <001001c000c3$b092b040$f8270b3f@hqgrnhba>
MIME-Version: 1.0
Content-Type: text/plain;
    charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Have for sale a T-T Argosy-II (digital readout) covers 80, 40, 30, 20, 15 & 10 meters U/LSB, CW. Has the 2.4 kHz 8 pole SSB and 500 Hz 8 pole CW filters installed and dual position AF filter.

Allso comes with the model 225 power supply.

Electrical condition: 100%. Works great.

5 to 50 watts out.

Cosmetic condition: Very Good to Excellent on the transceiver. Some scratches on the PSU. PTO rebuilt about 1 year ago. Comes with a copy of the manual.

Price: $400 and you pay 20.00 for shipping.

Reply by private e-mail, please.

73 Charlie WA8CUL

****
The truth is out there." This is who we are ! "
****
WA8CUL QRP-L #1752
Charles D. Feigley
1516 Toledo St.
Holiday, Florida 34690

Date: Mon, 7 Aug 2000 19:06:54 -0400
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: <qrp-l@Lehigh.EDU>
Cc: "Ralph McDonough \(E-mail\)" <k8an@aol.com>
Subject: [76851] QRP SSB - Another net
Message-ID: <000001c000c4$2e5227e0$0201a8c0@mw.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I belong to the Triple States Radio Amateur Club and they have a
Sunday afternoon net that is always open to new people. Great
bunch of guys and a well ran net.

Sunday Chat net
7.23, 7.228 or 7.233 depending on conditions and usage.

Sunday afternoons at 3:00 pm Eastern standard time.

NCS Steve WD8DBX or Ralph K8AN

For those who want to try some SSB with the QRP, give this
net a shot. I have checked in QRP with my SG 2020 and
they had no problem with hearing me. Again we are subject
to band conditions.

Let them know your running QRP and they will probably
listen harder!

73 oo,

Chuck AA8VS
MI-QRP #M1212
Firebird PIN #2117
FPQRP-113
TSRAC #3952
QTH Canton, MI

Date: Mon, 7 Aug 2000 16:20:25 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [76852] Re: Need relative bearing site
Message-ID: <20000807232025.4744.qmail@web123.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Pete Burbank <plburbank@kih.net> wrote:
> the title says it all.

Relative bearing?

Inquiring minds want to know what that is...

Jeff

=====
Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798
Voicemail/Fax 1-888-Excite2 ext 925-439-2514
ICQ 62450117

____
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

Date: Mon, 07 Aug 2000 23:21:59 -0700
From: KB7WW Art Moe <kb7ww@chatusa.com>
To: weinfurt@oak.cats.ohiou.edu

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76853] Re: 6 METER QRP
Message-ID: <398FA707.D27BE6BD@chatusa.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I worked him on .165 ssb I was running a pile contest style and
he got through. Worked over 200 stations on this opening running 32
watts at the antenna. worked all call areas and over 65 grids plus VE
2,3,4, and 2 Kl7's also worked other low power stations. It don't
take power when 6 is open. I have said this before, During the last
cycle I spent one morning running 10 Mw and made about a dozen Q's
All the stations that I worked were 20 to 40 over 9 at the time.

CU on 6
Art
KB7WW

Greg Weinfurtner wrote:
>
> >CW OR SSB? WHAT FREQ'S?
> >
> >MIKE AC6JA
>
> Ooops! Forgot the mode and freqs!
>
> All were SSB between 50.120 and 50.2 mhz. I listened for CW on the low end
> of 6 meters, but there were just not that many there. I think most hams on
> here are running phone from what I've heard. I have worked a few CW
> contacts earlier in the week.

Date: Mon, 7 Aug 2000 19:23:27 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [76854] Re: OOPS! NC20 Xtal toasted
Message-ID: <004a01c000c6$82e76020$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Steven Weber <kd1jv@moose.ncia.net>
Subject: Re: OOPS! NC20 Xtal toasted

> I forget who make this inital plea. It is very unlikely the xtal
> is bad.

The 100kHz crystal in the NC-20 is a little teeny, very fragile thing. It is extremely tricky just to get the thing soldered in without breaking the leads. Also in the manual, Dave goes on about making sure not to overheat it while soldering. This isn't your good ol' HC49/U, this C-2 case must have like #40 leads or maybe smaller. The crystal is 2mm in diameter by 6.2mm high so it has like zero heat capacity.

Easy to see why it's suspicious.

72/73 de WB8RCR   http://members.home.com/wb8rcr/index.htm
didileydadidah   QRP-L #1446 Code Warriors #35

Date: Mon, 07 Aug 2000 17:08:16 -0700
From: k6mw <k6mw@jps.net>
To: unlisted-recipients:; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76855] Need power supply for Toshiba notebook/QRP PSK
Message-ID: <398F4F70.A9A03D5E@jps.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have been interested in trying QRP PSK and recently found a Toshiba notebook to hopefully use mobile. Unfortunately, the PC did not come with a power supply. Does anybody have a spare PA2478U power supply?

Please reply off line if you have one excess to your needs.

73, Mike K6MW

Date: Mon, 7 Aug 2000 20:21:27 EDT
From: DYARNES@aol.com
To: qrp-l@lehigh.edu
Subject: [76856] Re: Icom PCR1000 Computer Receiver
Message-ID: <cc.86c3cba.26c0ac87@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi All,

I have an Icom PCR1000, the PC radio that Icom came out with a few years ago. Recently I changed PC's, and to my surprise, I learned from Icom (when I couldn't get the darn thing to work with my new PC) that the PCR1000 doesn't work with Windows 98! The new, lesser model, the PCR100 does, but not the PCR1000. What a bummer! I was hoping to use it for PSK31.

The guy at Icom Tech Support that I talked to had absolutely no suggestions, and apparently Icom does not plan any software upgrades. Anybody got any good ideas? I'd sure like to hear them. Please reply privately so Cla doesn't get his knickers in a knot! If I get any good suggestions, maybe he'll let me combine them in a single post for others who may have a similar problem.

Thanks,

Dave W7AQK

Date: Mon, 7 Aug 2000 19:32:19 -0500
From: "Craig B. Johnson" <cbjohns@mn.mediaone.net>
To: <qrp-l@Lehigh.edu>
Subject: [76857] Re: Antenna tuner adjustment question
Message-ID: <000d01c000d0$2568da00$6501a8c0@cbjp2>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Thanks to all of you who responded to my question about antenna tuners and in particular the method of antenna tuner adjustment recommended by Kurt Sterba in the August 2000 issue of WorldRadio.

As you recall, I questioned Kurt's statement about maximizing the "input" capacitance of the tuner, while I thought the usual recommendation for most efficiency was to maximize the "output" or load capacitance.

We were talking about a C-L-C "T" configuration tuner. I had always heard that the optimum efficiency was obtained when the inductance was set to the minimum that could be used to still achieve a 1:1 SWR by adjusting the two capacitors.

I always thought that the next most important thing to
minimize was the "output" capacitance.

I think the best answer was "You are both right".
Let me explain.

I am using a TenTec 277 tuner with a configuration which is
essentially the same as Lew McCoy's famous Ultimate Transmatch.
It has a split-stator capacitor in the input, then the inductor to
ground, and then the "series" output capacitor. However, I have
read that the split capacitor input is not really any different
from the single input series capacitor. Hence, it is not really
any different than a C-L-C. This was pointed out in great
detail in Walter Maxwell's (W2DU) classic book, "Reflections".
(This book is still one of my favorites.) Walter apparently
discovered that the split-stator capacitor was not necessary,
thus opening up the world to a design that was cheaper to
manufacture. Apparently he demonstrated this surprising fact
to Doug DeMaw, Jim Fisk, and other ARRL staff in their lab.
Interesting story.

Anyway, back to the original question. I did some experimenting.
When tuning my 80 meter dipole on 20 meters (fed with 450 ohm
ladder-line), I found I could achieve a 1:1 SWR with 4 different
settings:

input capacitor	output capacitor	inductor setting
8.8	6.1	6
7.2	5.8	7
6.2	5.3	8
5.8	5.0	9

Now, given these values to pick from, I would always use
the first setting because it has the lowest inductance
value and also the highest output capacitance.
Coincidentally, the reason that Kurt Sterba and I were
both right is because the "output" and "input" capacitors
were BOTH maximized when selecting the lowest inductance.

(Actually the manual says the higher inductance settings
will give a lower Q, thus a broader range of frequencies
without needing tuner readjustment. However, for strict
efficiency, I think the lowest inductance is best.)

Thanks for an interesting discussion.

73,
- Craig, AA0ZZ

Date: Mon, 07 Aug 2000 21:14:19 -0400
From: "Gary M. Diana, N2JGU" <embres@frontiernet.net>
To: qrp-l@lehigh.edu
Subject: [76858] EPS-1 Kit Available again
Message-ID: <398F5EEB.2EAE9B18@frontiernet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello all -

   Many people have been asking if the EPS-1 DC-DC power supply kit is available. The answer is YES. There was a problem obtaining the surface mount electrolytic caps used in the kit, but I have been able to find a reel of them!

Details on the EPS-1 can be found at:

http://www.frontiernet.net/~embres/eps.htm

Best regards.
- Gary N2JGU
Embedded Research
Home of the TiCK Keyer
http://www.frontiernet.net/~embres
embres@frontiernet.net

Date: 7 Aug 2000 18:21:40 -0700
From: Mike Pupeza <mpupeza@altavista.com>
To: qrp-l@lehigh.edu
Subject: [76859] Re:Argonaut 509 power increase
Message-ID: <20000808012140.20318.cpmta@c012.sfo.cp.net>
Content-Type: text/plain
Content-Disposition: inline
Mime-Version: 1.0

Karl;

It has been a bunch of years, but I do remember increasing the power of my Argo

505 using MRF-475 (or 476?) transistors from Motorola.
As I dimly recall, I had to insert a heat sink, or reverse the existing, to take the TO-220 replacements. The actual upgrade went smoother than I had planned, after I saw how to optimize
the modification.
The mod worked well, as I recall! NO additional driver power was needed and I achieved the 5 Watt output, as was my goal!

73

Mike Pupeza VE3EQP

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http://www.zdnet.com/downloads/altavista/index.html

Date: Mon, 07 Aug 2000 21:34:42 -0400
From: Clay N4AOX <wyn@worldnet.att.net>
To: waltk8cv@surfree.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76860] Re: Something STUPID .....
Message-ID: <398F63B0.A589946F@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Walter D. Amos" wrote:

> As said here before " try the last few hours of a contest and
> they are begging for contacts " and that goes double for ssb contests.
>

That is very good advice. The contest winners will work you, the contest losers may not.

72/73,
Clay N4AOX

Date: Mon, 7 Aug 2000 21:53:36 -0400
From: "George Osier" <gosier@twcny.rr.com>
To: <qrp-l@lehigh.EDU>
Subject: [76861] RE : The trouble with SSB ....
Message-ID: <002a01c000db$77ac6b00$3c48a918@compaq.twcny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All !!!

Have been working sideband since the cycle started ...and had no problem with making DX contacts ..... SSB seems much more dependent on solar condx then CW ..... but I've had no problem working close to 150 countries with 2 watts peak ..... I often sign "QRP" and most DX stations are more then happy to work a lowly QRP station !!!! ...I also work quite a bit of CW but enjoy SSB more working it about 85% of the time.....Condx for the QRP - ARCI test were TERRIBLE ..... solar activity was low ..... so that might account for such low scores ..I myself heard noboby on 40 , 20 or 15 .....with a dipole up 20 ft I cant rival a triband yagi !!!! ..... Soooooooo when the solar conditions are right SSB can work just as well as CW from my experience ......

73s
George , N2JNZ / QRP

Date: Mon, 07 Aug 2000 19:12:24 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>
Subject: [76862] BB Soapbox, WE6W
Message-ID: <398F6C88.3E9A8210@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Upon arrival at the Standish-Hickey campgrounds on the south fork of the Eel River, our camping friends were surprized when I sneaked off at 9:15 AM for the pre-contest hike. After 45 minutes I found the tiny trail was not going to get any wider! I tossed the golfball with string taped on and it went 66 feet straight up. Today I'd use

a half-wave, end-fed 40 meter vetical! (So that's how antennas are
decided upon :-)

The K2 and ZM-2 fit nicely on a downed log and that's where I sat for
the next 4 hours. I worked 20 QSO's total at 5 watts and got out
of erecting the camping tents!

Thankyou Adventure Radio Society! 72/Ed Loranger, WE6W
--
72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
http://www.qsl.net/we6w Santa Rosa, CA
My 2 pennies worth is just common cents.

_____NetZero Free Internet Access and Email_____
   http://www.netzero.net/download/index.html

Date: Mon, 7 Aug 2000 22:12:23 -0400
From: jmarran@juno.com
To: QRP-L@LEHIGH.EDU
Subject: [76863] Digest Mode
Message-ID: <20000807.221247.-395167.2.JMarran@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Please change subscription mode to DIGEST MODE

Date: Tue, 8 Aug 2000 01:29:59 +0700
From: "Donny Sirait" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [76864] Re: The trouble with SSB
Message-ID: <000101c000e1$832ed520$7bee92ca@donnysirait>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear Friends,
I always wonder why a lot of QRPers seems to have
some kind of allergy for a yagi-uda antenna while quite
a number can erect an inverted V for 40 meters.
A 4 element yagi-uda beam for 20 and or my suggestion for
15 meters will take no more space and on the other

hand boost your signal to levels where there will be no so
much difference to QRO.
I think the reason is QRPers like to go outdoors and imagine
that their home is just another camping site so a simple
mono element wire antenna will be more than enough.

Well come on dear friends try your hands on a yagi-uda
antenna or other beam antenna and other band than 20 meters
you'll get plenty of QSO. 15 meters is YB's favourite band and
as a YB I work a lot of JA's, I, DK's and others.
I know one of the problem with 15 meters is lack of monoband
transciever for that band however Jim Kortge is on his finishing
stage to complete on (CW though) but your K2 and QRP+ or
TT scout can do the job. 10 meters is great especially on this
part of the solar cycle and do not forget the WARC bands.
It is just simple that people think it is dead since everybody
is just listening, so why not try a CQ.
Why not try another QRP challenge since SSB QRP is sure to
be harder than CW??

Thanks for reading.

vy 72 de YB1BOD
Donny Sirait
Bekasi Indonesia
vy 73 de YB1BOD
Donny Sirait
Bekasi Indonesia
----- Original Message -----
From: Caitlyn M. Martin <caitlyn@netferrets.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Monday, August 07, 2000 21:43
Subject: RE: The trouble with SSB

> On Mon, 07 Aug 2000, AI2Q Alex wrote:
> >
> > So why all the fretting and stereotypical remarks about "too many nets,"
> > or "it can't be done," or " it's deadly in kW alley," or "too much QRM,"
> > or admonitions to "avoid 20 fone," etc?
>
> Alex, I agree 100%. Oh, and I never said to avoid 20 phone. I just said
it
> was easier elsewhere :) I have made DX contacts on 20 at anywhere between
4
> and 10 watts PEP.
>
> Mike wrote:

>
> > But the 'other' bands, the WARC stuff, seem to empty. And there's
> > some decent SSB territory there.
>
> Really? I hear lots and lots of stuff on 17, and have found it to be a
> great band for QRP work. 12 meters is *very* quiet, but then again, where
> else would I have been able to spend an hour talking with a Latvian
engineer
> (yes, he was in Latvia) running all of 10 watts without any interruption
or
> QRM? Sometimes quiet is a big advantage.
> >
> > Just do it!
>
> Absolutely!
>
> 72,
> Caity
> KU4QD
>
>
> --
> Caitlyn M ire Martin
> caitlyn@netferrets.net
> http://www.caitys-world.com
>

Date: Sun, 6 Aug 2000 21:42:12 -0500
From: "TC Dufresne" <tdufres@radiks.net>
To: <qrp-l@Lehigh.EDU>
Subject: [76865] Shunt resitor question
Message-ID: <000701c00019$17fe5460$96f31dce@server>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Help! My QRP hmbru calls for a shunt resistor made from a 1M ohn resistor
and 13.5 inches of #26 wire wrapped around it. Hmm, before wire, resistance
of "resistor" measured abt 1000k ohms (1M in my book) After wrapping the
resistor with wire per instructions, resistance of the unit now less than
0.1 ohms! So, Why do I need the 1M resistor!!?!?! The shunt resistor comes
directly after the current takeoff to the 0-1.0 mA meter, and then goes to
the main board.
Thusly

```
12V+ -----------|-Shunt---------------to main board
                |
                |
          (+)side of 0-1.0 mA meter
```

Why?!?!
Tom

Date: Mon, 7 Aug 2000 19:46:12 -0700 (PDT)
From: Jim Cluett <w1pid@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [76866] Spartan Sprint
Message-ID: <20000808024612.18598.qmail@web2002.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Yikes, the Spartan Sprint had some rough
CONDX. Loud buzz-saw kept returning to
7040. It blanked out everything. 20 wasn't
great either. Lots of digital and SSB on
Freq. Got pretty excited when I worked KH6B on 40...
calmed down a bit when I realized he was portable
in Mich. KO7X was my big DX in Utah. I worked the
first hour and a quarter. DSW-40 and MFJ-Cub on 20.
2 watts both bands. I worked the following
13 stations. Thanks to all. Always a fun event.
73 de W1PID

K1QM
K2UD
K4FDK
KB9LCK
KH6B/W8
KO7X
N3AO
N4HAY
NF0R
W0UFO
W2BVH
W2VT
WA2BQC
-end-

Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

Date: Mon, 07 Aug 2000 19:50:32 -0700 (PDT)
From: Charlie Lofgren <clofgren@benson.mckenna.edu>
To: TC Dufresne <tdufres@radiks.net>
Cc: CLOFGREN@benson.mckenna.edu, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76867] Re: Shunt resitor question
Message-ID: <Pine.PMDF.3.96.1000807194713.75121A-100000@BENSON.MCKENNA.EDU>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII
Content-transfer-encoding: 7BIT

The resistor is just a convenient winding form to which you can attach the ends of the wire. Any high ohmage resistor should do.

Charlie, w6jjz

On Sun, 6 Aug 2000, TC Dufresne wrote:

> Help! My QRP hmbru calls for a shunt resistor made from a 1M ohn resistor
> and 13.5 inches of #26 wire wrapped around it. Hmm, before wire, resistance
> of "resistor" measured abt 1000k ohms (1M in my book) After wrapping the
> resistor with wire per instructions, resistance of the unit now less than
> 0.1 ohms! So, Why do I need the 1M resistor!!?!?! The shunt resistor comes
> directly after the current takeoff to the 0-1.0 mA meter, and then goes to
> the main board.
> Thusly
>
> 12V+ -----------|-Shunt---------------to main board
> |
> |
>   (+)side of 0-1.0 mA meter
>
> Why?!?!
> Tom
>
>

Date: Mon, 7 Aug 2000 19:55:11 -0700
From: "John Moriarity" <k6qq@hdo.net>
To: <tdufres@radiks.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [76868] Re: Shunt resitor question
Message-ID: <022801c000e4$12430720$e4424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> So, Why do I need the 1M resistor!!?!?!

It's just a cheap and convenient form on which
to wind the low value resistor.

72,

John, K6QQ

Date: Mon, 7 Aug 2000 20:01:36 -0700
From: "Robert Farnworth" <farnworth@citylinq.com>
To: <qrp-l@Lehigh.EDU>
Subject: [76869] Poquet PC Plus-Wanted
Message-ID: <000801c000e4$f7a800e0$4361e5cf@farnworth>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am looking for a Poqet PC Plus.
Thanks, Bob, W7CD

Date: Mon, 7 Aug 2000 23:24:02 -0400
From: "Ron McConnell" <rcmcc@lucent.com>
To: "'QRP-L'" <qrp-l@lehigh.edu>, <plburbank@kih.net>
Cc: "'X-w2iol'" <w2iol@arrl.net>, <n9ssa@arrl.net>
Subject: [76870] RE: Need relative bearing site
Message-ID: <001601c000e9$405276a0$0a2bff87@nj7460rcmcc>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Pete,

  http://www.indo.com/distance

for USGS ellipsoidal model and world city data base.

   http://www.qsl.net/n9ssa/mpwcalc.html

for Pete Hoffswell, N9SSA's nice miles/Watt
calculator with a perfectly adequate
spherical model for lat/long and grid squares.
Hmmmm.... I just noticed Pete's not showing
bearings. I'm sure he's calculating them
(or could with a few more lines of code
that he has).

  http://www.best.com/~williams/gccalc.htm

for Ed Williams's aviation page

Or, if you want to roll-your-own off-internet,

   http://home.adelphia.net/~nj2dx/hoarc/gcgc9900.zip

for my freeware, NGS ellipsoidal, bearings
(true & magnetic)/distance,
lat/long, grid square, MUF, miles/Watt DOS command
line calculator GCGC with DX data base.
Skim files "readme.1st" and "d2gread.txt"
to get an idea how to do things.
NJ2DX and I are near to having a Linux version.

Cheers, 73

Ron McConnell
w2iol@arrl.net

Date: Tue, 8 Aug 2000 00:28:56 EDT
From: NB6M@aol.com
To: tdufres@radiks.net
Cc: qrp-l@lehigh.edu
Subject: [76871] Re: Shunt resitor question
Message-ID: <ee.8f5a902.26c0e688@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Tom,

The resistor itself is unimportant in this case, except as a form for winding the meter shunt that the 13.5 inches of # 26 wire becomes. Usually a 'high value" resistor of a particular wattage is specified, perhaps 1 Watt or more, so that your shunt winding does not end up being too bulky on the resistor "form".

What the shunt does is increase the current carrying (and reading) capacity of the 0-1 milliamp meter movement called for in your rig, so that it can be used to give an indication of transmitter supply current, and, when switched over, an indication of power output level.

Let's just say for argument's sake that your final amp is 100% efficient. An impossible figure, but it makes the math easy. At 100% efficiency, 6 watts out at 12 volts supply voltage would mean that the final amp would have to be carrying half an Ampere, 500 milliamps, of current. Add the relatively small amount of current going through the oscillator and probably150 milliamps or more going through your driver, and you would probably be up around 700 milliamps, even with 100% efficiency. So your new meter full scale reading, with the shunt, would have to be, at minimum, at least 1 Ampere, and in real life it might be 1.5 Amperes or more when you consider the not unheard of possibility of 50% efficiency in the final amp circuit.

If you knew the resistance of that particular meter movement, there are tables that tell us how much resistance # 26 wire has per 1000 feet, and we could work out what the new full scale current reading of that particular 1 mA meter movement would be with the shunt across it, in parallel with the current going through the meter itself.

In this particular situation, since neither the meter movement resistance or the new full scale current reading in the circuit you are building are specified, you will need to use an accurate milliammeter in series with the 12 volt supply and make yourself a scale indicating what the actual current is relative to the markings on the meter you use.

You will also have to do this by measuring the RF voltage across a 50 Ohm dummy load in order to know what the power output level actually is relative to the readings on your particular meter.

Glad to see you are this far along in your project.

72

Wayne NB6M

Date: Tue, 8 Aug 2000 01:27:48 -0700 (PDT)
From: Duane Alles <w9zm@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [76872] PSK20
Message-ID: <20000808082748.6373.qmail@web511.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I'd like to hear from anyone re: the performance of
the psk20 rig.

tnx in advance.

72,
Duane, w9zm

____
Do You Yahoo!?
Kick off your party with Yahoo! Invites.
http://invites.yahoo.com/

Date: Tue, 8 Aug 2000 10:02:00 +0100
From: brian_jones@uk.ibm.com
To: qrp-l@Lehigh.EDU
Subject: [76873] The QRP SSB debate
Message-ID: <80256935.00319FF0.00@d06mta10.portsmouth.uk.ibm.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Hate to keep this open beyond its natural life but here's my 5 cents worth.
I am pretty much a 100% SSB operator and since building the K2 have limited
myself to 10W only. 58 countries in 10 weeks limited operation time (only
170 contacts in total) - including 1A0, 3A, VQ9, PY0, OH0, CY9, 5X, HH and
and IOTA DXpedition on FY (twice). My antennas - a just above ground
mounted Cushcraft R7 half surrounded by trees and a windom at 25 feet again
half in trees (I only have a very small garden).

20m is hard and 40 very busy here in europe but the other bands are fine.
Quite often reasonable DX is worked first call (eg CExxxx 8000+ miles away)
but on the other hand if anyone knows N2II please apologise to him - last

night he was 56 with me on 20m so gave him a call and got 30 in return and an abandoned QSO.

Pileups are a challenge and knowing when to give-up/persevere is definitely an acquired skill. One trick which doesn't seem to upset either the QRO folks or the DX is - when the DX operator calls for a specific area (eg Asia) and it's obvious that calls are very thin on the ground from that region I call "Europe QRP - G0UKB" just once. I've tried this 4 or 5 times and in all but one case the operator has finished calling the region and asked specifically for QRP stations.

BTW had a wonderful 20 min chat early the other morning with OK1AQW - felt embarrassed and had to turn my power down to match his 5W (from his home brew single transistor final TX rig).

Now if only there were more SSB QRP ops perhaps those big DXepeditions would regularly ask for "QRP stations only please"!

Brian G0UKB

Brian E Jones

Technical Planner
Java Technology Centre
 IBM Hursley

Date: Tue, 8 Aug 2000 10:07:48 +0100
From: Vic Winton <Vic.Winton@trafford-press.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@lehigh.edu>
Subject: [76874] HB- Help with charger for gel cell battery
Message-ID: <C94AC5B1B413D411ABDC009027177A641BFB@trafford01.trafford-press.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Hi Gang,

HELP PLEASE!!   I am building a charger for sealed lead acid batteries which are to be used for portable qrp work.

I am using a LM723 regulator with a 2N3055 pass transister. Rectified DC is capable of supplying 3 amps to regulator circuit. Pretty standard circuit - actually from RadCom Nov 1998 .

The adjustable voltage potentiometer sets the output volts nicely between 13.5 and 15.5 volts.

My problem is that the circuit will only deliver about 240ma and also the current limit control does not seem to work at all. The current limit is a 500R pot shunted by a 0.5R resister in the regulated voltage output line. Control is by connecting slider of pot to pin 2 of LM723. Pin 3 goes to one end of pot.

(An earlier attempt last year worked fine and I could vary the current from over 1.5amp to about 200ma easily. This worked well until I tidied up the wiring then it stopped altogether ! Sound familiar ?)

This is driving me mad. Any suggestions desparately needed and appreciated. Thanks..

Vic GW4JUN

Date: Tue, 8 Aug 2000 12:37:39 +0200
From: Alen Mitrovic <alen.mitrovic@hermes.si>
To: unlisted-recipients:; (no To-header on input)
Subject: [76875] World Radiosport Team Championship 2000 Pictures
Message-ID: <EA63CEA50DF8D311ABAD00B0D021173201197F76@hal9000.hermes.si>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Hi!

You, can find some pictures from World Radiosport Team Championship 2000 held in Slovenia on

http://www.qsl.net/s53ma/Picture_Galery/pictures.html

> 72/73 de
>
> Alen / S53MA
>
>
>
>

Personal Webpage: http://www.qsl.net/s53ma

Date: Tue, 08 Aug 2000 07:33:40 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [76876] Re: Shunt resitor question
Message-ID: <000c01c0012c$821fe110$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

> Help! My QRP hmbru calls for a shunt resistor made from a 1M ohn resistor
> and 13.5 inches of #26 wire wrapped around it. Hmm, before wire,
resistance
> of "resistor" measured abt 1000k ohms (1M in my book) After wrapping the
> resistor with wire per instructions, resistance of the unit now less than
> 0.1 ohms! So, Why do I need the 1M resistor

Tom,

It's just a convenient form to wind the wire on. It already has solderable
leads, is made of a nice stable material, and is as common as dirt. (Grin)

Dave

Date: Tue, 8 Aug 2000 07:36:25 EDT
From: WB9MII@aol.com
To: qrp-l@lehigh.edu
Subject: [76877] Re: Indoor 20 meter antenna
Message-ID: <c0.787ceec.26c14ab9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello...
This is a subject I can mebbe give some input on. I moved in here (a condo
type place) 4 yrs ago and have tried many many kinds of antennas hooked to my

indestructible MFJ9020. To a degree they all worked. Here are two that in my experience worked quite well.
An 8 foot folded monopole with a 16 1/2 ft radial laid on the floor. The monopole was hung on the wall with tape.
the antenna I'm running now...a center fed Zepp strung around the room and fed with homebrew open wire line.
Hope this helps
72
Greg WB9MII
QRP ARCI 9719

Date: Tue, 8 Aug 2000 07:09:47 -0500
From: "Craig W. Behrens" <craigwb@hiwaay.net>
To: "QRP-L QRP-L" <qrp-l@Lehigh.EDU>
Subject: [76878] [76723] NOGA Meeting Notes Aug 6,2000 by AE4GX
Message-ID: <LPBBIKBNBOOLHAAJAHJGOEMACDAA.craigwb@hiwaay.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have to tell ya--the North Georgia QRP Club meeting last Saturday was a real hoot!

I have 2 daughters living in Atlanta that I frequently visit, but this was the first time I was there on the 1st Saturday of the month. I made sure to set several hours aside for this meeting so I could fully indulge.

I arrived a little early and found several folks already there (with show and tell goodies) discussing a variety of projects and operating events. I throughly enjoyed the conversations, the big display of equipment, the special projects in process, and, most of all, the fellowship. What a great cadre of guys!

It's a real treat to be part of a living, breathing club that reaks of amateur radio activity and technology--almost more than a super-geek can handle ;>)

I would like to thank all who shared and can't wait to see you next time around.

72/73 & DX,
Craig W. Behrens
Madison, AL

PS--I bought a NoGa Pig Kit. If you haven't checked this out yet, you

should visit their web site. It is especially great for those just starting to build kits and experiment.

Date: Tue, 8 Aug 2000 09:24:40 -0400
From: "Joe Trombino" <w2kj@earthlink.net>
To: <QRP-L@LEHIGH.EDU>
Subject: [76879] FS-MFJ-1704 4 position coax switch
Message-ID: <001101c0013c$028c7980$2252fc9e@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Have one remaining MFJ-1704 four position coax switch available. This switch is in most excellent condition and I will ship it for $45.

72, Joe W2KJ

Date: Tue, 8 Aug 2000 09:24:15 -0400
From: Bill Coleman AA4LR <aa4lr@radio.org>
To: <zmola@campbellsci.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [76880] RE: CW speed and plateaus
Message-ID: <1000708092414.JAA14829@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 8/5/00 5:05 PM, zmola@campbellsci.com at zmola@campbellsci.com wrote:

>I have ear to hand down pat, but it bypasses the brain completely.
>I'm now trying to get my "head copy" down. I can copy 15-18wpm if I
>ignore what is coming in and just write, but 8-10 wpm if I am just head
>copying.
>
>Are there any suggestions other than "more QSO's"?

CW Copying, as with any skill, comes with practice.

QSOs are nice and fun, but may not always be the best practice. You may not be challenging yourself enough in a QSO, picking speeds you are comfortable with, lest you miss out on what the other guy is sending.

Trying "reading the mail" more. Also, get a computer program to help you practice. Throw away your pencil. If you can type, trying copying to the keyboard. Try to copy a letter or two behind (a skill I have not mastered by any means). Try to follow on the air QSOs entirely in your head.

If none of that is fun, go back to making more QSOs. It will come eventually.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@radio.org
Quote: "Boot, you transistorized tormentor! Boot!"
  -- Archibald Asparagus, VeggieTales

Date: Tue, 08 Aug 2000 08:04:33 -0700
From: Jerry Haigwood <w5jh@swlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [76881] Ft Tuthill 2000 Report (longish)
Message-ID: <39902181.64CCA542@swlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Gang,

Well another Ft Tuthill QRP event has come and gone. You've already read most of the reports. I am a little slow at getting my report out but I wanted to take time to reflect and remember those things which were important to me.

First, Ft Tuthill ain't like any other QRP event you've been to before. Ft Tuthill is more about people and family than any other QRP event I have been to. It is about camping and spending quality time with your spouse and children. The AZ ScQRPions always reserve the group campground for the event. QRPers and their families spread out in this campground which is full of tall Ponderosa Pines. I don't know how many camp sites there were but I would guess 25-30. There was still room for more. Even those who normally might not enjoy the radio talks still enjoy Ft Tuthill. As Doug Hendricks reported yesterday, his wife insists they always attend this event. Laid back and relaxed were words heard most often.

This years weather was a bit hotter and dryer than normal but that is how the whole summer has gone in

Arizona. We still need rain in a bad way. But even with the hot weather, the nights were comfortable. I slept with the windows all open and only needed a light blanket for covers. Sleep came easily even for a person that doesn't sleep all that well.

Every year the ScQRPions try to dream up an event that will attract more quality people to the QRP family. This year we had the Tuna Tin 2 building session and sprint. The ScQRPions, along with donations from Doug Hendricks and others, gave away 50 Tuna Tin 2 transmitters. The only catch - you had to build them on Friday and operate them on Saturday. This event attracted a lot of attention, as it was suppose to. We could have gave away more if we had them. It was fun.

As I said before, this event is about people. On friday afternoon, Chuck Adams K7QO was talking with Jamie Johnson KC7MQY about her tuna tin 2 she had just built. She explained she didn't know the code. Chuck quickly purchased her a ARRL code CD and challenged Jamie to learn the code. Jamie stayed up late Friday night (in the campground) learning the code. Many of us heard her! The next morning she took the test and passed. On Saturday afternoon she made her first CW contact!

This year I was able to spend some time with Jay Bromley and his son Derek. I got to play a little catch with Derek and talk antennas with Jay. It was an enjoyable experience. I also got to spend sometime talking with Cla KA0GKC. Cla was pretty laid back the entire time. He seemed to be really enjoying doing nothing. I also got to renew my friendship with Jack WA7LNW from beautiful Hurricane, UT. I always enjoy talking with Jack. But, the best part was sitting around the Guitar pickers and listening to some bluegrass. It don't get much better.

Ft Tuthill is the work of a few hard working souls. Bob and Bertie Hightower handle much of the event including setting up and manning the AZ ScQRPion booth. Brain Kassel also contributes greatly and helps keep things running smoothly. Gerry K7LRO took care of the prizes. Jeff Johnson and family took care of the camping arrangement. Mike W1DRY furnished the soldering stations and ran the Tuna Tin 2 building experience. Without these dedicated individuals Ft Tuthill would not happen. I thank them.

If you enjoy people and want to spend some quality time

with your family, remember Ft Tuthill. We would love to see
you there next year.

    Pictures can be seen at:
        http://www.swlink.net/~w5jh/ft/tuthill.htm

--
73, Jerry Haigwood, W5JH, Peoria, AZ USA
web page http://www.swlink.net/~w5jh/

Date: Tue, 8 Aug 2000 09:47:44 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [76882] POSTMORTEM-- Re: OOPS! NC20 Xtal toasted
Message-ID: <049201c00150$222f23a0$a28611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks:

It was the XTAL as I suspected. Others have mentioned it's tiny size
and fragile nature, hence it was suspect. Having no O'scope, today I
set my Icom 746 to RX at 100kHz. With a small pickup loop near the AFA
on my NC20, Rig A, no signal was heard. On another NC20, Rig B, a
clean clear tone was heard. I very carefully transplanted the XTAL
from Rig B to Rig A. *Bingo* Rig A now worked. YEAH!

A new crystal is working its way to me for Rig B and all will soon be
well.

I had not, until now performed the XTAL current limit mod on my rig.
So, I think the XTAL was weakened, and fail as a little heat was
applied. So if your planning to add the XTAL mod to your rig, have a
spare XTAL available. Lesson learned for me!

Another lesson, a good commercial RX like the Icom 746 makes
a-heck-uv-a signal tracer! Pick one up next time they're on sale! ;-)

Case closed on this one, thanks to all rendered aid and assistance.

72/3 Rod, N0RC -- Fort Collins, CO

----- Original Message -----
From: Rod, N0RC <n0rc@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, August 06, 2000 1:04 AM
Subject: OOPS! NC20 Xtal toasted

> Folks:
>
> I need a new 100kHz XTAL (X8) for my NC20, I think. But where can I

Date: Tue, 8 Aug 2000 11:55:03 -0400
From: "Steven Blary" <sblary@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [76883] ANT- radial question
Message-ID: <LPBBJIAMMBMPCCNFNKPJGENOCBAA.sblary@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello everyone,

I'm installing a Gap Challenger at my area challenged QTH. With the help of list members I've constructed a tilt stand that will raise the bottom of the antenna to 1 foot above the peak of my house's roof. The antenna requires 3 "counterpoises" each 25 foot in length. The manual suggests burying them for ground mounted antennas and elevated for roof mounts.

Would buried radials work well with the antenna mounted at roof level or should I go with the book and elevate them also?

Thanks and 73's

Steve, KD4LIV

Date: Tue, 08 Aug 2000 11:18:11 -0500

From: "George , W5YR" <w5yr@att.net>
To: sblary@bellsouth.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76884] Re: ANT- radial question
Message-ID: <399032C3.9153406C@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve, the radials must be elevated. If you buried them, the connection
from the antenna to the radials would also become part of the antenna
and completely detune it, etc. Antennas like the Gap require exact
adherence to the "book."

BTW, the only electrical reason to ever bury radials is to get them out
of the way. They work best when simply laying on the ground and work
second best when buried only an inch or two. Deep burial defeats their
current-collecting purpose.

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

Steven Blary wrote:
>
> Would buried radials work well with the antenna mounted at roof level or
> should I go with the book and elevate them also?

Date: Tue, 8 Aug 2000 12:55:38 EDT
From: ARDUJENSKI@aol.com
To: sblary@bellsouth.net, qrp-l@lehigh.edu
Subject: [76885] Re: ANT- radial question
Message-ID: <11.7943f7c.26c1958a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

STEVE,
You should visit the BUTTERNUT site and read the several articles on the
issue of ground systems, radials and groundplanes and counterpoises. It is
failry detailed and easy to understand. Go to
http://www.bencher.com/pdf_download.html
and look at the bottom of the page at TECH NOTES

Alan KB7MBI

PS please give details of your tilt mount--interested in which one you decided to go with

---

Date: Tue, 8 Aug 2000 11:02:33 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-canada@lists.gpfn.sk.ca, qrp-l@lehigh.edu
Subject: [76886] NRAO Special Event Station
Message-ID: <Pine.SUN.4.10.10008081047120.6812-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
After several years of construction, the new Green Bank Telescope (GBT) is about ready for use, and will be formally dedicated in a couple of weeks. Its 300+ foot diameter dish makes it one of the world's largest single dish antennas. Photo's and descriptions can be found at the observatory website: www.nrao.edu

The hams at the observatory at Green Bank, WV will be operating a special event station for this dedication ... excerpts of the official announcement below. The NRAO amateur radio club owns the calls of antenna pioneer Grote Reber, W9GFZ, with his permission, and W9GFZ will be the calls used for this special event station with a nice special event QSL card. Frequencies and times listed below for those of you wishing to work this HISTORIC call sign.

Grote Reber, W9GFZ, invented the dish antenna in Wheaton, IL in the early 1930's and now resides in Tasmania. His original dish antenna is now located at the NRAO, Green Bank, WV observatory.

While most of the activity will be SSB, I have alerted the organizer of this event to be on the lookout for QRP stations.

72, Paul NA5N
National Radio Astronomy Observatory (NRAO)
Array Operations Center
Socorro, New Mexico

The Hams of NRAO-Green Bank wish to invite you to the

Dedication of the Green Bank Telescope

August 25, 2000

Green Bank, WV

Now, enough with the formalities.....Hopefully, you have seen
(or at least heard of) the article in August, QST by Dave Finley.
If so, you also know that there is a Special Events Station
associated with the dedication. W9GFZ will operate from 12 Noon
on Friday, August 25 to 4PM on Sunday, August 27. Operation
will be mostly HF. We will be on the following frequencies
(+/- QRM):

3.940 MHz
7.245 MHz
14.275 MHz
21.375 MHz
28.350 MHz

Please get on the air and work us. We've put together a nice photo
QSL card of the GBT. Just QSL us.

73,
Gary W8IVF

Date: Tue, 08 Aug 2000 10:06:34 -0700
From: Stan Goldstein <stan@cruzio.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76887] F/S Norcal 20
Message-ID: <39903E1A.9EF4BA4B@cruzio.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In unopened original packaging.

$ 90 + shipping

Stan , N6XU

Date: Tue, 8 Aug 2000 13:15:11 EDT
From: NB6M@aol.com
To: tdufres@radiks.net
Cc: qrp-l@lehigh.edu
Subject: [76888] Re: Shunt resitor question
Message-ID: <cc.8777802.26c19a1f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Tom,

The 1 milliamp meter in your rig is making use of the shunt resistor in parallel with the meter movement in order to allow it to read a much larger current level, but you can also take advantage of the fact that the shunt resistor will have a small amount of voltage drop across it while current is flowing through it on transmit.

Using a voltmeter with a millivolt scale, you can measure the voltage right across the shunt resistor on transmit and use Ohms Law to calculate the current going through your rig.

Take a look in your Handbook for the chart on Copper Wire Properties. It is in my 1995 version on page 24-8.

26 wire has a resistance of 41.02 Ohms per 1000 feet. Divide by 1000, and you have .04102 ohms per foot. Divided by 12 inches is .003418333 Ohms per inch, X 13.5 is .0461475 Ohms.

Knowing that, you can calculate the current through the rig by leaving the meter switch in Power Out position so that it is not in parallel with your shunt resistor, and then measure the voltage drop across the shunt resistor while you transmit briefly. Be sure you have your dummy load hooked up.

First measure your supply voltage on transmit, so you get an exact figure for that.

Then, while you transmit, measure the voltage right across the shunt resistor, with your voltmeter set on the millivolt scale, if it does not have auto ranging. Record the exact reading. It won't matter which way you hook your voltmeter leads to it, as the + or - sign is unimportant for what we are doing here, just the amount is needed.

Then using Ohms law, I = E/R, you can calculate exactly how much current the rig draws.

For example, 45 Millivolts, .045 volts divided by the .0461475 Ohms of the

shunt resistor would give you .97513408 Amps, or just over 975 milliamps.

Then, switch your meter back to the current reading position, transmit briefly, and note the reading on your meter. That reading corresponds to the current level you calculated.

If the rig you are building had a drive level adjustment pot, you could easily vary the power out, take voltage readings across the shunt resistor at different levels, and calculate out the current being drawn so that you could make up a scale relating to the markings on your meter.

Since it does not, you can still use the one calculated current level, and the mark corresponding to it on your meter as a reference.

72

Wayne NB6M

Date: Tue, 8 Aug 2000 10:22:39 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [76889] Bumbling Bee report
Message-ID: <003101c0015d$41851180$56ddfc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Saturday before FOBB, I drove to Northern CA to visit my friend Buck, W6HOR in Trinity County. I planned to operate from a no-name hill in back of his home where he has his little antenna farm.
Sunday morning I picked up my backpack and almost fell over. It sure weighed a lot more than when I backpacked with the Boy Scouts. I must have put everything loose in my shack into that pack, including a bigger battery than I actually needed.

I staggered up the hill, about a 40% grade, leaning against a tree about every 10 feet to rest. Pine needles all over the ground, so tricky footing too.
I found Buck's antenna farm, and kept on up the hill as I wanted to be away from his antennas. Finally found a moderately clear spot to set up.

Now the fun. The Charlie Brown comic strip is in reruns now, and I found where the kite-eating tree went to retire. Every time I cast my line up into a tree, it caught on some branch and wouldn't pull through. I finally wound up with a somewhat doglegged 55 ft dipole with tuned feeders. It was

supposed to be a 15m extended double zepp, but with the kinks in it, it was just a bent wire. Fortunately it did load well on 20m and 40m though, as 15m was a bust from this location.

Finally got on the air almost an hour late. Worked 25 QSOs between 20m and 40m, and as a bonus I caught the Fox also. Doc, K0EVZ, was consistently the loudest signal I heard on 20m.

All in all, an enjoyable time. Next year the backpack will be a lot lighter!
I might also just try a good longwire snaked through the trees, and forget the fancy dipole arrangements.

72, Bob N6WG
BB #9

Date: Tue, 8 Aug 2000 10:21:54 -0700
From: "Mont Pierce" <MyGrapeVine@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [76890] Re: ANT- radial question
Message-ID: <006c01c0015d$27977ec0$27010101@RTA>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

They have a great argument against standard verticals and radialess verticals, such as the R7, but don't get confused by this... the GAP is neither.

The feed line is feed up through the antenna to the feedpoint which is near the middle of the antenna. So, the GAP is a lot like the butternut in this respect.

I may be wrong, but that is the impression I get from just reading the spec sheets on both the GAP and Butternut.

73,
Mont

----- Original Message -----
From: <ARDUJENSKI@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, August 08, 2000 9:55 AM
Subject: Re: ANT- radial question

> STEVE,
> You should visit the BUTTERNUT site and read the several articles on the
> issue of ground systems, radials and groundplanes and counterpoises. It is
> failry detailed and easy to understand. Go to
> http://www.bencher.com/pdf_download.html
> and look at the bottom of the page at TECH NOTES
>
> Alan KB7MBI
>
> PS please give details of your tilt mount--interested in which one you
> decided to go with

Date: Tue, 08 Aug 2000 12:37:21 -0500
From: "George , W5YR" <w5yr@att.net>
To: MyGrapeVine@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76891] Re: ANT- radial question
Message-ID: <39904551.FC40719F@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Butternut HF9/V which I have is fed at the base.

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

Mont Pierce wrote:

> The feed line is feed up through the antenna to the feedpoint which is near the
> middle of the antenna. So, the GAP is a lot like the butternut in this respect.
>
> I may be wrong, but that is the impression I get from just reading the spec
sheets
> on both the GAP and Butternut.

Date: Tue, 08 Aug 2000 13:52:19 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76892] QRP Contest List
Message-ID: <399048D3.AA8D4120@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Is there a comprehensive list somewhere showing the QRP contests for the year? I need to see a schedule for the outdoor events to do a little planning.

Thanks
Paul AJ4Y

Date: Tue, 8 Aug 2000 10:53:47 -0700
From: "Michael Connor" <nq7k@mtarvin.com>
To: <qrp-l@lehigh.edu>
Subject: [76893] FS: Qrp rigs...
Message-ID: <009b01c00161$9d0cc850$8f0c3e40@mfg.entera.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Time to clear out some more "stuff"...
All "stuff" prices include shipping...:-)

1. NC20 20m transceiver kit unbuilt,
still in box- $90

2. TAC1 40m transceiver w/internal keyer,
digital readout, solid 5+ watts, proven FOX slayer- $150

3. Realistic HTX100 10m SSB/CW rig $95

Thanks,

Mike

NQ7K
AZ. ScQRPions

Date: Tue, 8 Aug 2000 14:07:23 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.edu>
Subject: [76894] FS: Tektronix, HP and other oscilloscopes and test equipment - $ 10 and up
Message-ID: <125490A005E3D3118C9C00805FC743CCB2C2BA@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"

Well, local QRPers (sorry for those who are farther away). The Lab recently received an incredible donation of scopes and other older test equipment, from audio to RF, that the ARRL Lab is going to take to the Hudson Division Convention, September 16, White Plains, NY (http://www.weca.org). For my QRP buddies, though, I am willing to open up the Lab after hours (either an evening time, or Saturday or Sunday AM) for a preview sale.
These are going to go for bargain-basement prices. Some of them haven't been fired up in years, so I am selling them "as is -- repairable." In many cases, a few hours with some contact cleaner will bring them back to life; if not, buy two and make one good one. They are "as is," but I also don't want anyone to be unhappy, so if you really don't want your purchase, let me know within a week or two and I will buy it back.
Email me to set up a "preview" time and make me an offer that you are just ashamed of; it will probably be the right price. If you are deeply ashamed of the offer, up it a little and we should have a deal.
Just a sample of the goodies are:
H/P 140A scope frame, H/P 141A scope frame, Tek RM561 scope frame, Tek RM565 scope frame (dual beam), Tek 547, 555 dual beam, 533, 536, 503, 585, 315
Heathkit Q meter
And lots and lots of plug-in modules for above.
Lots more. One example, we found a Cenco "Radioactivity Demonstrator."
All proceeds are 100% for the ARRL Lab test-equipment fund. Shop early and shop often! :-) Email me to set up a time.

73,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St
Newington, CT 06111

Tel: 860-594-0318
FAX: 860-594-0259
Internet: w1rfi@arrl.org
ARRL Web: http://www.arrl.org
ARRL Technical Information Service: http://www.arrl.org/tis/

Date: Tue, 08 Aug 2000 13:07:26 -0500
From: Dave Sjolin <sjolin@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76895] Re: ANT- radial question
Message-ID: <39904C5D.149092AA@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

"George , W5YR" wrote:
>
> The Butternut HF9/V which I have is fed at the base.
>

Butternut HF2V is also base loaded. I have never seen any Butternut
verticals that werent base loaded.

73 de Dave, N0IT

Date: Tue, 8 Aug 2000 14:26:48 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "_AAAA_NOGA_onlist (E-mail)" <nogaqrp@qth.net>, "Qrpl_Submit (E-mail)" <qrp-
l@Lehigh.EDU>
Subject: [76896] Wow - If you haven't tried the ARCI QRP-F list lately you're miss
     ing something.
Message-ID: <058CBAE0931FD411B70E00805FCD5D42290E88@MAILSERVER2>
MIME-Version: 1.0
Content-Type: text/plain

The QRP-F list is the fairly new ARCI sponsered list. It is similar at
intent to the qrp-l but has several unique features that greatly add to the
discussion and interexchange ability of its' users.

One is the options on your posted item. In addition to the normal narrative
like we have here you can specifically highlight a url link you want to
reference so with one click you can go there. You can also attach a jpg or

gif item that is automatically displayed when another QRP-F user accesses your post. This is great for showing an graphic item, diagram, schematic or other information. This greatly adds to the information that you can deliver with just one click. If you checkout the QRP-F you will see quickly what I'm talking about.

You have the ability to search the QRP-F archives for a keyword and find ALL posts that have that keyword imbedded. How many times have you been interested in looking back through list archives and searching all documents with one click of the mouse.

The last point is your posts are added to the list very near real-time and you will see responses and threads associated without fanfare. New items are highlighed with a "New" icon.

Both lists have great value to me and I think that interested QRPers should give them both a try. You'll be surprised if you haven't played with the QRP-F list in a while.

Check it out at: http://www.qrparci.org/qrpf/qrpfinfo.htm

Just a happy user of both!

Sam AE4GX Atlanta, GA

Date: Tue, 8 Aug 2000 14:35:02 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:n6wg@earthlink.net" <n6wg@earthlink.net>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.edu>
Subject: [76897] Bumbling Bee report
Message-ID: <200008081435_MC2-AF0A-88D5@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
      charset=ISO-8859-1
Content-Disposition: inline

Bob:

Well you had a truly FB signal during the BB, so your setup was working well. Our setup was high atop Ft. Lincoln, ND, in the old 1872 infantry outpost. Used the K2 with builtin battery to the usual Inverted WYE supported by an SD-20 collapsible fishing pole. This lashup was supporte=

d
by a converted Vern W7MMA base consisting of a huge nail, some PVC
couplers, and some wooden doweling. =

The setup worked very well and was fairly compact when you consider that
nearly everything is builtin on the K2.   We were completely away from an=
y
power lines, so signals seemed to jump out of the rig's speaker. Kevin
Anderson K9IUA was along for the afternoon and assisted with logging and
antenna installation.

Thanks again for dropping by during BB. See you on the bands :-).

72/73,
--W.D. (Doc) Lindsey
   DSBF
   PO Box 6028
   Bismarck, ND 58506
   (Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)
   E-Mail =3D K0EVZ@arrl.net

Date: Mon, 07 Aug 2000 22:19:58 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [76898] PSK31- PSK-20 First QSO
Message-ID: <398F987E.44038AD0@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:
  The advantages of using the PSK-31 mode on QRP have been talked about
before on this list, but I just wanted to share a bit of the text of the
first QSO that I made last night on my newly completed Small Wonder Labs
PSK-20. I was running about 1.5 watts out. The excitement in the other
stations voice can be easily read from his text:

The other station's call is WA4KBD

K7RE de WA4KBD
Your IMD is -26   -26 -26 db Brian...and you are about 10 db over
S9...10 db over S9....I am receiving you on 50 hz band width so you
are the only signal in the pass band and you are 10 db over 9 !!!!!!!!!
BTU Brian K7RE de WA4KBD K V
ee   WA4KBD de K7RE

Wow!!! You made my day Bill Hi HI!
WEll, sounds like you have a really FB PSK-31 set up there.

BTU Bill
WA4KBD de K7RE k
K7RE de WA4KBD
What a signal you are putting out with that PSK-20...I am slobbering
at the mouth for mine to come...you are BURNING ETHER with that thing
Brian....I just can hardly believe it. I have just changed over to
a multiband dipole that favors north to south Brian and I have you
at S6 to n7 and printing beautifully...OK I am back on the beam
now...that
really brings you up, but man, am I ever impressed. I hope it comes
before the weekend so I can build it on Saturday...about 7 hours is
what I'm hearing from about everybody that has built one...I have
been practicing for the PSK-20 by putting my multiband rig into LSB
mode and running 2 watts or so and using with Zakanaka or DigiPan
in full wide band mode...with a QRP dipole....it worked great from
the beach on Field Day, just threw the dipole into a palm tree from
the hotel balcony Brian....well my boy, you have built a winner
there....and
I congratulate you....hope the next QSO we have is between both of
our PSK-20's!!! gotta pull the switch and get out of here....gotta
get up early in the a.m.   Have an internal medicine practice here
and it sure keeps me humping these days....Thanks for the QSO Brian.
73 and CUL.
K7RE de WA4KBD SK

It's good to see the old QRP bug hard and fast ;)
QRP - it's still magic after all these years....

Brian K7RE

Date: Tue, 8 Aug 2000 12:53:30 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <elecraft@qth.net>
Subject: [76899] UPDATED FS K2 SSB Module.
Message-ID: <053001c00169$f56c8e60$a28611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Price lowered to $70, shipping included. Picture of the actual item
are available at:

http://www.qsl.net/n0rc/k2ssb/4sale.html

The lower price accounts for the connectors supplied with the SSB module, mounted on the main K2 board. I chose not to remove those.

The SSBectomy is complete on K2 #286, the patient is resting well, listening to CW on 20m. ;-) Folks, that concludes SSB experiments here at ARS N0RC. Sing along with me to the tune of the Joan Jett song, "I love Rock & Roll"

I hate SSB so gimmie a Morse Code Key on the OP table Baby! ;-)

Now let me be VERY CLEAR:

(1) My SSB module works fine.
(2) My K2 worked extremely well with it installed.
(3) The K2 is a dynamite QRP SSB Rig, get one they'll make more!
(4) QRP SSB is viable

No more discussion, no more email to me compelling me not too give up on SSB, please.

72/3 Rod, N0RC -- Fort Collins, CO

----- Original Message -----
From: Rod, N0RC <n0rc@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, August 06, 2000 7:53 PM
Subject: FS: K2 SSB Module.

> ---
> Well built and working fine $79 puts my K2 SSB module in your K2.
> shipping is on me.
> ---
>

Date: Tue, 08 Aug 2000 12:01:56 -0700
From: E L D <wd7y@pyramid.net>
To: qrp-l@lehigh.edu
Subject: [76900] Where can I find
Message-ID: <20000808120196.SM00427@206.100.200.212>
Mime-version: 1.0

Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

Can some one give me an address or phone number
of where I can purchase the DK9SQ
Thanks Ed

Date: Tue, 8 Aug 2000 13:10:26 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [76901] Anyone in Italy?
Message-ID: <399006C2.6353.AC7A79@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

If you are in Italy could you drop me a note, please?
Thanks...

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
http://www.mtechnologies.com

Date: Tue, 08 Aug 2000 15:08:56 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [76902] Free to a good home...
Message-ID: <004701c0016c$1c8296f0$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Okay, folks here's the deal:

I have an SMK-1, assembled & working, that I have no use for. The reasons
are numerous, but the top ones are:

1) My code stinks.
2) The trees out back got tired of holding up my antenna.
3) Between work and family I don't have a lot of time to improve conditions
1 or 2.
4) I'm a builder, not an operator.

Now, having got this little bitty radio working to my satisfaction, I don't have much use for it any more. Rather than let it sit collecting dust, I'm going to give it to someone who's more likely to use it.

Here's what's being offered:

Norcal SMK-1 serial number 190, assembled and tested, in a NJQRP case with the companion hardware. Measuring the RF output to a 51-ohm resistor with a scope, I get about 250 milliwatts at 12 volts DC in. The unit has the following "blemishes":

1) The front and rear panel decals are missing. I messed them up trying to attach them to the case. I will provide a sketch showing which control does what, and which plug connects to what.
2) The case is painted dark green, with a few small flakes missing. (Copper is showing through.)
3) The screws in the side of the case are not the ones provided by NJQRP - they are larger. They still hold the case together well.
4) On the circuit board, C24 (a 390 pF capacitor in the transmitter pi network) has been replaced with a small disk ceramic cap. My original C24 was shorted and I used the disk cap to verify that it was the problem. Since it worked afterward, I left it in.
5) I have jumpered across D5 to reduce the sidetone volume to a resonable level. D5 is still attached to the board.
6) The headphone jack is wired for 1/8" stereo phones, and presents audio on both channels.
7) The unit includes a small (about 16 inches) power cord with the correct plug to fit the power jack on the radio. It also includes the Norcal manual with schematic. It does NOT include the NJQRP documentation that came with the cabinet kit.

Here's how to obtain this marvel of mediocrity for yourself or a deserving friend:

Send me an e-mail direct (dlh1009@rit.edu) with the name and mailing address of the person who should receive this little rig. This could be you, or it could be someone you love. (Or hate, if you're into playing mind games. It's fun!) Explain to me why this person should have this radio. I will select my favorite answer at or about noon Eastern Time on Thursday, August 10th, and mail the unit at that time.

NOTE: I will announce the name of the winning submitter to the list Thursday afternoon UNLESS you tell me not to in your e-mail. I won't give out the mailing address, or the name of the recipient if it's not the submitter. Also, I will not keep the entries or mailing addresses - I'm not building a mailing list.

I'm not asking for anything in return - not even postage - except that

whoever gets the radio either uses it, or passes it along to someone who will. I must ask, however, that entries be limited to U.S. mailing addresses.

Usual disclaimers: My decision is final, not responsible for lost or misdirected entries, your mileage may vary, yadda yadda yadda... let's go have some fun!

Dave

David Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Wed, 9 Aug 2000 07:43:49 -0500
From: "Richard McGaver" <mcgaver@execpc.com>
To: <pwomble1@tampabay.rr.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [76903] Re: QRP Contest List
Message-ID: <012e01c001ff$7811e1e0$4a80cfa9@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

YES N3EPA's calendar zzzZZZZZ BEST by Ron Polityka
-----Original Message-----
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, August 08, 2000 12:45 PM
Subject: QRP Contest List

>Is there a comprehensive list somewhere showing the QRP contests for the
>year? I need to see a schedule for the outdoor events to do a little
>planning.
>
>Thanks
>Paul AJ4Y
>
>
>
>

Date: Tue, 08 Aug 2000 15:16:50 -0400
From: JP <jdanter@mail.i-america.net>
To: qrp-l@Lehigh.EDU
Subject: [76904] XCVR:SW+ mods, links
Message-ID: <39905CA2.724F0C8F@mail.i-america.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Interested in websites w/mods for SW Labs SW+.
Tnks,
KF4VOP
J Danter

Date: Tue, 8 Aug 2000 15:18:49 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76905] RE: Tektronix, HP and other oscilloscopes and test equipment - $
     10 and up
Message-ID: <125490A005E3D3118C9C00805FC743CCB2C2BF@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

A few folks have asked, so I will answer it here. Unfortunately, this stuff
was received in a very disorganized state. There are literally hundreds of
pieces and I just can't put together a list of the stuff. The man probably
gave us at least one each of any HP or Tektronix plug-in module ever made,
so if you have a want, I can go paw through the boxes and boxes and try to
find one for you.

73,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St
Newington, CT 06111
Tel: 860-594-0318
FAX: 860-594-0259
Internet: w1rfi@arrl.org
ARRL Web: http://www.arrl.org
ARRL Technical Information Service: http://www.arrl.org/tis/

> -----Original Message-----
> From: Hare, Ed, W1RFI [mailto:w1rfi@arrl.org]
> Sent: Tuesday, August 08, 2000 2:07 PM
> To: Low Power Amateur Radio Discussion
> Subject: FS: Tektronix, HP and other oscilloscopes and test
> equipment -
> $ 10 and up
>
>
> Well, local QRPers (sorry for those who are farther away).
> The Lab recently
> received an incredible donation of scopes and other older
> test equipment,
> from audio to RF, that the ARRL Lab is going to take to the
> Hudson Division
> Convention, September 16, White Plains, NY
> (http://www.weca.org). For my
> QRP buddies, though, I am
> willing to open up the Lab after hours (either an
> evening time, or Saturday or Sunday AM) for a preview sale.
> These are going to go for bargain-basement prices. Some of
> them haven't
> been fired up in years, so I am selling them "as is --
> repairable." In many
> cases, a few hours with some contact cleaner will bring them
> back to life;
> if not, buy two and make one good one. They are "as is," but
> I also don't
> want anyone to be unhappy, so if you really don't want your
> purchase, let me
> know within a week or two and I will buy it back.
> Email me to set up a "preview" time and make me an offer that
> you are just
> ashamed of; it will probably be the right price. If you are
> deeply ashamed
> of the offer, up it a little and we should have a deal.
> Just a sample of the goodies are:
> H/P 140A scope frame, H/P 141A scope frame, Tek RM561 scope
> frame, Tek RM565
> scope frame (dual beam), Tek 547, 555 dual beam, 533, 536,
> 503, 585, 315
> Heathkit Q meter
> And lots and lots of plug-in modules for above.
> Lots more. One example, we found a Cenco "Radioactivity
> Demonstrator."
> All proceeds are 100% for the ARRL Lab test-equipment fund.

> Shop early and
> shop often! :-) Email me to set up a time.
>
> 73,
> Ed Hare, W1RFI
> ARRL Laboratory Supervisor
> 225 Main St
> Newington, CT 06111
> Tel: 860-594-0318
> FAX: 860-594-0259
> Internet: w1rfi@arrl.org
> ARRL Web: http://www.arrl.org
> ARRL Technical Information Service: http://www.arrl.org/tis/
>
>

Date: Tue, 8 Aug 2000 15:28:59 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'wd7y@pyramid.net'" <wd7y@pyramid.net>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [76906] RE: Where can I find
Message-ID: <125490A005E3D3118C9C00805FC743CCB2C2C1@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

You can buy one from Kanga US.

>From the database at:

http://www.arrl.org/tis/tisfind.html

Company
Kanga US
3521 Spring Lake Drive
Findlay, OH 45840
USA
Tel: 419-423-4604
419-423-5643
Email: kanga@bright.net
http://www.bright.net/~kanga/kanga/
Products and Services
KIT>AMATEUR RADIO KIT; APPEARS IN ARRL HANDBOOK; ANTENNA>ANTENNA TUNER;
MORSE CODE>KEYER; TEST EQUIPMENT>DUMMY LOAD; TEST EQUIPMENT>SWR METER;
Notes:
Bill Kelsey, N8ET - 'I import kits from Kanga in the UK - most of them come

from SPRAT - the journal of the G-QRP Club. I also have the Super Tee Antenna Tuner and a range of high performance direct conversion kits designed by KK7B. Hands Electronics Kits from Wales are a recent addition to my line, including a 10 band 15 watt transceiver with DDS VFO and microprocessor controller.

73,
Ed Hare, W1RFI

> -----Original Message-----
> From: E L D [mailto:wd7y@pyramid.net]
> Sent: Tuesday, August 08, 2000 3:02 PM
> To: Low Power Amateur Radio Discussion
> Subject: Where can I find
>
>
> Can some one give me an address or phone number
> of where I can purchase the DK9SQ
> Thanks Ed
>

Date: Tue, 8 Aug 2000 15:42:23 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "_AAAA_NOGA_onlist (E-mail)" <nogaqrp@qth.net>, "Qrpl_Submit (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [76907] Rigs: Anyone have any experience with the PATCOMM radios?
Message-ID: <058CBAE0931FD411B70E00805FCD5D42290EDD@MAILSERVER2>
MIME-Version: 1.0
Content-Type: text/plain

They have a new (yet to ship I believe) 2 band CW/SSB built transceiver that has a reasonable price. Their all band HF + 6mtr rig looks good too.

Anyone heard one, operated one or seen one?

Their web site is   http://qth.com/patcommradio/patmain.html

Sam AE4GX Atlanta, GA

Date: Tue, 8 Aug 2000 14:20:25 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <elecraft@qth.net>

Subject: [76908] Re: UPDATED FS K2 SSB Module.
Message-ID: <002b01c00176$1887de20$788511d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The item is spoken for thanks all for you interest.

72/3 Rod, N0RC -- Fort Collins, CO

----- Original Message -----
From: Rod, N0RC <n0rc@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, August 08, 2000 12:53 PM
Subject: UPDATED FS K2 SSB Module.

> Price lowered to $70, shipping included. Picture of the actual item
> are available at:
>
> http://www.qsl.net/n0rc/k2ssb/4sale.html
>

Date: Tue, 8 Aug 2000 16:05:17 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <n0rc@qsl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [76909] Re: POSTMORTEM-- Re: OOPS! NC20 Xtal toasted
Message-ID: <006b01c00174$29d605a0$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well Rod, great to hear you found the prob.

And my 706 probably gets more practice as a signal tracer than it does as a
rig, too. Also, a few Fireball 40's are pretty handy signal generators, for
those of us who are test gear impoverished.

72/73 de WB8RCR   http://members.home.com/wb8rcr/index.htm
didileydadidah   QRP-L #1446 Code Warriors #35

-----Original Message-----

From: Rod, N0RC <n0rc@qsl.net>
Subject: POSTMORTEM-- Re: OOPS! NC20 Xtal toasted

>Folks:
>
>It was the XTAL as I suspected.

>Another lesson, a good commercial RX like the Icom 746 makes
>a-heck-uv-a signal tracer! Pick one up next time they're on sale! ;-)

Date: Tue, 8 Aug 2000 16:28:54 EDT
From: K2UD@aol.com
To: w1pid@yahoo.com
Cc: qrp-l@lehigh.edu
Subject: [76910] Re: Spartan Sprint
Message-ID: <48.9529032.26c1c786@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Yeah, what was that buzz-saw thing on 7040? I had a fair run going for a while, then
BRRRLLEEEAAAYUUCHH! Wish I knew where the main-line switch for that thing was!

72

Howard Kraus, K2UD

Date: Tue, 8 Aug 2000 16:32:08 EDT
From: K9nk@aol.com
To: qrp-l@lehigh.edu
Subject: [76911] FS - Whiterook MK-64 Mini Keyer and Paddle Combo
Message-ID: <d9.801e362.26c1c848@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

For Sale: Mint Whiterook MK-64 Tick Keyer with paddles.
Very small only 2 x 2.5x 1.5 at 2 oz
Also includes brand new unopened extra lithum battery

Price: $45

Contact: Norm - K9NK email: k9nk@aol.com

Date: Tue, 8 Aug 2000 17:01:27 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [76912] Contacts Needed
Message-ID: <00ad01c0017b$d2327060$88125cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

 I am looking to make a QSO with one station from the
following states. GA, VT and WV.

 I get home from work around 4:30 PM EDST.

Please e-mail me direct.

Thanks,
72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
                 http://www.n3epa.org
Eastern Pennsylvania QRP Club Call
N3EPA   E-mail address: n3epa@fast.net

EPA QRP #1   NJ QRP #179
KL7 QRP # 309   G-QRP # 3031
ARCI QRP # 5318   10 - X #13173
NorCal   Zombie #625
ARS # 380   HI QRP #153
VA QRP Society #45   MI QRP #1703
K2 sn1392

Date: Tue, 8 Aug 2000 17:43:05 EDT
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Subject: [76913] RE: Tektronix, HP and other oscilloscopes and test equipment-
Message-ID: <f6.1a831ab.26c1d8e9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Ed,

Any signal generators?

-MAC-
AF4PS
Odessa, FL

Date: Tue, 8 Aug 2000 18:05:11 -0400
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [76914] Vermont on the Air in August (Advanced Notice)
Message-ID: <20000808.180516.-319119.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. Keith here in the Depths of the Great Bergen Swamps of WNY...

I received notice today of a planned outage (and inspection of equipment)
at one of my customers sites in Rouses Point, NY the last weekend of
August. I will be staying about 3 miles from the bridge to Vermont.

There's a public fishing access area just across the border, this at the
northernmost end of Lake Champlain. I will have a NorCal 20 and some
other borrowed gear to put 40 - 10 Meters on the air from the site.

I am planning to run the club call, NQ2RP and will be /1 for the
operation.

I will have a better idea for the timing in about 2 weeks, and will post
here accordingly.

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY Section
My night light runs more power than my Rig!!!
Replies - mailto:wb2vuo@arrl.net
_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

Date: Tue, 08 Aug 2000 18:10:47 -0400 (EDT)
From: "John L. Sielke" <n4js@pobox.com>
To: qrp-l@lehigh.edu, njqrp@njqrp.org
Subject: [76915] Change in Call
Message-ID: <XFMail.000808181047.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

I hope thuis isn't too off topic, but I would like to let those QRPERS I know have the info, N4JS is now W2AGN. I will unsubscribe/resubscribe later, when I have changed my email address.

You may wonder why I gave up N4JS, that I had for 25+ years. There are several reasons.
Originally, I had planned to retire to Florida. It looks like that will not happen.
When my Dad, W3IYQ, who was my Elmer, also, and started me off with my first license as
KN3HLU back in 1958, passed away in 1995, I though about eventually trying for his call,
but I wasn't in the 3rd district, and it was not a great CW call. While going through
some papers a month or so ago, I found his ORIGINAL license, dated October 26, 1926,
with the call 2AGN. So here I am, now W2AGN!

73,

The Ham formerly known as N4JS

W2AGN

  _   _   _   _   _
 / \ / \ / \ / \ / \ John L. Sielke w2agn@pobox.com w2agn@qsl.net
(W | 2 | A | G | N) NJ Grid:FM29LN http://www.qsl.net/w2agn
 _/ _/ _/ _/ _/ NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
X-N4JS, W4MPC, W7JEF, K3HLU G-QRP #9544 NorCal CQC AKQRP QCWA FISTS #2781
Elecraft K2 #00023

Date: Tue, 8 Aug 2000 18:30:16 EDT
From: Macstein@aol.com
To: n4js@pobox.com, qrp-l@lehigh.edu
Subject: [76916] Re: Change in Call
Message-ID: <44.626fb7f.26c1e3f8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 08/08/100 5:11:56 PM EST, n4js@pobox.com writes:

> Originally, I had planned to retire to Florida. It looks like that will not
> happen.

Well, you can still come visit! West FL QRP club meets the second Sat. of each month at 10 am. Here's where you find info. <A HREF="http://www.qsl.net/westfla/">http://www.qsl.net/westfla/</A>. I'll save you a doughnut and cup-o-joe if you tell me you are coming!

72 es "oo"
-MAC-
AF4PS
Odessa, FL   "Home of the Infamous Attic Dipole" and K2 #643

QRP-L # 704, FISTS #5096, CC #754, NorCal #1998, Zombie #510,
ARCI #9843, AR QRP #257, HI QRP #83, Whiners #5, SOC #28,
West FL QRP, TARC, ARS #751, Flying Pig QRP #-51
and various other annual $15 commitments.

Date: Tue, 8 Aug 2000 15:25:43 -0700
From: Mike Gipe <mgipe@reliablemeters.com>
To: n4js@pobox.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76917] RE: Change in Call
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A928EE20@mission>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="windows-1252"

John --

I like the new call, and the story of its origin is interesting. It seems to fit you better. Enjoy it and gl.

Of course, you will need to apply for membership in the SOC:

  "CQ test de 9Q7DX

  9Q7DX de W2AGN K

  AGN?

  C

  AGN?

  YES

  .....QRZ test de 9Q7DX"

Mike K1MG

Date: Tue, 8 Aug 2000 18:34:59 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'wb3aal@fast.net'" <wb3aal@fast.net>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [76918] RE: Contacts Needed
Message-ID: <125490A005E3D3118C9C00805FC743CCB2C2CB@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

I will be in WV the weekend of 8/26 and 8/27. I will try to spend a few hours on the air Saturday night, although if it the same as last year, that was the weekend of one of the QSO parties and the band was pretty busy. I can make a sked with you for Saturday night and again EARLY Sunday AM. I will have the original TT2 with me, but will also try to have my K2 ready by then.

If anyone else needs WV, look for me around 1000-1100 Z on 8/26, 2200-2400+ 8/26 and between 0900-1000 Z on 8/27. Sorry I won't have more time to be on the air, but that should help. I have a room on the third floor of the

building and can put my DK9SQ/invee up 30 feet from there. Should have a pretty decent signal. If you need WV for WAS, let me know so I can arrange a specific sked. Make sure I have your home phone number.

73,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St
Newington, CT 06111
Tel: 860-594-0318
FAX: 860-594-0259
Internet: w1rfi@arrl.org
ARRL Web: http://www.arrl.org
ARRL Technical Information Service: http://www.arrl.org/tis/

> -----Original Message-----
> From: Ron Polityka [mailto:wb3aal@fast.net]
> Sent: Tuesday, August 08, 2000 5:01 PM
> To: Low Power Amateur Radio Discussion
> Subject: Contacts Needed
>
>
> Hello,
>
> I am looking to make a QSO with one station from the
> following states. GA, VT and WV.
>
> I get home from work around 4:30 PM EDST.
>
> Please e-mail me direct.
>
> Thanks,
> 72 & 73
> Good DXing
>
> Ron Polityka
> de WB3AAL
> wb3aal@fast.net
>
> vvv Eastern Pennsylvania QRP Web Page vvv
>   http://www.n3epa.org
> Eastern Pennsylvania QRP Club Call
> N3EPA   E-mail address: n3epa@fast.net
>
> EPA QRP #1   NJ QRP #179
> KL7 QRP # 309   G-QRP # 3031

> ARCI QRP # 5318   10 - X #13173
> NorCal   Zombie #625
> ARS # 380   HI QRP #153
> VA QRP Society #45   MI QRP #1703
> K2 sn1392
>

Date: Tue, 8 Aug 2000 18:50:44 EDT
From: NB6M@aol.com
To: n4js@pobox.com
Cc: qrp-l@lehigh.edu
Subject: [76919] Re: Change in Call
Message-ID: <24.8e82916.26c1e8c4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Good for you, John!

I only wish my dad had been a ham.

72

Wayne NB6M

Date: Tue, 8 Aug 2000 14:26:59 -0500
From: Smith Harold <SmithH@tce.com>
To: "'qrp-l@lehigh.EDU'" <qrp-l@lehigh.EDU>
Subject: [76920] homebrewer parts
Message-ID: <B9B6874277EED211B1890008C707AF5303706D34@indyexch3.indy.tce.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Those of you who scratchbuild your own radios and stuff might want to check
out the Thomson ARC site at www.w9rca.com/homebrew.html

de KE6TI, Harold Smith

Date: Tue, 8 Aug 2000 17:51:27 -0500
From: "John Burnley" <burnleyia@home.com>
To: <qrp-l@lehigh.edu>

Subject: [76921] Iowa QRP Club at the Amana hamfest this Sunday
Message-ID: <000301c0018b$2fa1f900$1b790818@c149552-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Iowa QRP Club will be hosting a display table at the
Amana Summerfest (hamfest) this coming Sunday
August 13, 2000. Doors open at 8:00 am.

If you get the chance, stop by for some good old QRP
fellowship. In order to get to the hamfest
from Interstate 80 (east or west) take exit 225. Turn
north until you reach Highway 6. Turn right on Highway
6 until you get to Highway 151. Take Highway 151
north until you see the grounds of Summerfest 2000
(on your left).

Attention IAQRP'ers. Bring your projects for display!
It looks to be a good time and I hope to see you
there!

72, John NU0V

End of QRP-L Digest 1907
****